

PT. NAME:	MR. NILESH BABAR	DATE:	11-05-2024
REF. BY:	DR. PRAFUL RAWATE	AGE/GENDER:	24 Y/ M

MR HIP JOINT (P+C)

TECHNIQUE:

Sequences	Planes	Sequences	Planes
FSE T1WI	Coronal	STIR	Axial, Coronal
FSE T2	Axial, Coronal	FGR	Sagittal

C.P: k/c/o Ewings cell sarcoma of left femur.

FINDINGS:

Heterogenous lytic lesion is seen involving left femoral neck, proximal shaft. It measures 6.7 cm in length. It shows T2 hyperintense and T1 hypointense matrix. It shows minimal heterogenous enhancement on post-contrast study. Multiple T2/T1 hypointense septae / foci are seen within the lesion. The lesion shows narrow zone of transition. No obvious e/o cortical breach is seen. No extension to hip joint. No significant surrounding soft tissue edema is seen. Distal femur, knee joint is not covered in study.

Few sub-cm size left superficial inguinal lymph nodes are seen.

Bilateral hip joints show normal articular surface.

Both femoral heads show normal marrow signal. The both femoral heads show normal shape and size. Normal spherical appearance with smooth articular surfaces on both side.

The trochanters, diaphysis also show normal morphology and signal intensity on **right** side.

No joint effusion is seen on both side.

Bilateral acetabulum shows normal signal.

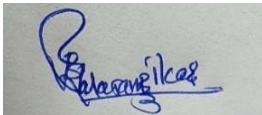
Rest of the pelvic bones appear normal.

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The visualized muscles in the hip, pelvis and thigh show normal morphology and signal intensity.

IMPRESSION: k/c/o Ewings cell sarcoma of left femur as described,

- ❖ Heterogenous lytic lesion involving left femoral neck, proximal shaft, showing minimal heterogenous enhancement as described.
- ❖ Few sub-cm size left superficial inguinal lymph nodes.



Dr. Vishal Walasangikar,
MD, DNB, FRCR, MSK FELLOW.

Investigations have their limitations. Solitary pathological and other investigations never confirm the final diagnosis. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests. Please interpret accordingly. This document should not be used for medico-legal purpose.